

Serial No. 10/071,516
Attorney Docket No. 87154239.000002

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

1-14. (Canceled)

15. (Currently Amended) A hair curling roller having a hollow cylindrical shell, characterized in that a body of the cylindrical shell is integrally composed of a blended material of thermo-resistant material and ion-powders.

16. (Previously presented) The hair curling roller according to claim 15, wherein said ion-powders include a blend mixture of powders including anhydrous silicon (SiO_2), aluminum oxide (Al_2O_3), iron oxide (Fe_2O_3), titanium oxide (TiO_2), calcium oxide (CaO), magnesium oxide (MgO), potassium oxide (K_2O), sodium oxide (Na_2O) and manganese oxide (MnO).

17. (Original) The hair curling roller according to claim 15, wherein the size of the particles of said ion-powders is less than $10\mu m$ in diameter.

18. (Original) The hair curling roller according to claim 15, further comprising a conductive heating element within the cylindrical shell.

19. (Original) The hair curling roller according to claim 15, further comprising an inductive heating element within the cylindrical shell.

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Attorney Docket No. 87154239.000002

20. (Currently Amended) A hair curling roller, comprising:
a hollow cylindrical shell, characterized in that the cylindrical shell is composed of a
blended material of thermo-resistant material and ion-powders; and
a plurality of projections disposed on an outer surface of the cylindrical shell.

21-27 (Canceled)

28. (Currently Amended) The hair curling roller according to claim 20, wherein the
plurality of projections are integrally made of a blended material of thermo-resistant material and
ion-powders.

29. (New) A hair curling roller having a hollow cylindrical shell, characterized in that
a body of the cylindrical shell is formed by injection molding a blended material of thermo-
resistant material and ion-powders.

30. (New) The hair curling roller according to claim 29, wherein said ion-powders
include a blend mixture of powders including anhydrous silicon (SiO_2), aluminum oxide (Al_2O_3),
iron oxide (Fe_2O_3), titanium oxide (TiO_2), calcium oxide (CaO), magnesium oxide (MgO),
potassium oxide (K_2O), sodium oxide (Na_2O) and manganese oxide (MnO).

31. (New) The hair curling roller according to claim 29, wherein the body of said
cylindrical shell includes a plurality of outer projections.